

CLAIMS

1. An electronic device that accepts a removable memory card, the electronic
5 device comprising:
a housing; and
a low profile metal memory card tray having a flat outside ledge, the memory
card tray is attached to the housing.
- 10 2. An electronic device as defined in claim 1, wherein the low profile metal
memory card tray is laser welded at the flat outside ledge to the housing.
3. An electronic device as defined in claim 1, wherein the housing includes a
metal battery floor and the low profile metal memory card tray is laser welded
15 to the metal battery floor.
4. An electronic device as defined in claim 3, wherein the electronic device
comprises a mobile telephone.

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5. An electronic device as defined in claim 3, wherein the low profile metal card tray includes angled leading edges which help load the removable memory card into the tray.
- 5 6. An electronic device as defined in claim 3, wherein the low profile metal card tray includes a ramp in its trailing edge which facilitates the removal of the removable memory card from the low profile memory card tray.
7. An electronic device as defined in claim 6, wherein the housing includes an
10 access opening and the ramp found in the low profile metal card tray is aligned with the access opening.
8. An electronic device as defined in claim 7, wherein the low profile metal card tray includes an angled notch which helps prevent the removable memory card
15 from being loaded into the low profile metal card tray incorrectly.
9. An electronic device as defined in claim 8, wherein the removable memory card comprises a Subscriber Identity Module (SIM).
- 20 10. An electronic device as defined in claim 8, wherein the low profile metal card tray is manufactured from stainless steel.

11. A low profile memory card tray for use in retaining a memory card, the low
profile memory card tray comprising:
a sheet metal member having a flat outside ledge; and
5 the sheet metal member has angled leading edges which help load the memory
card into the tray.
12. A low profile memory card tray as defined in claim 11, wherein the sheet
metal member is formed from stainless steel.
- 10 13. A low profile memory card tray as defined in claim 11, wherein the sheet
metal member includes a ramp in its trailing edge which facilitates the removal
of the memory card from the low profile memory card tray.
- 15 14. A low profile memory card tray as defined in claim 13, wherein the sheet
metal member includes an angled notch which helps prevent the memory card
from being improperly loaded into the low profile memory card tray.
- 20 15. A low profile memory card tray as defined in claim 11, wherein the sheet
metal member is an integral piece of sheet metal which is stamped into shape.

16. A memory card retention system, comprising:

an electronic device housing member; and

5 a low profile memory card tray having a flat outside ledge, the memory card tray is attached to the electronic device housing member.

17. A memory card retention system as defined in claim 16, wherein the low profile memory card tray is welded to the electronic device housing member.

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18. A memory card retention system as defined in claim 16, wherein the memory card tray is comprised of metal and is stamped into shape.

19. A memory card retention system as defined in claim 16, wherein the electronic
15 device housing member comprises a battery floor for a radio communication device.

20. A memory card retention system as defined in claim 16, wherein the memory card tray has an overall height of no more than 1.2 millimeter.

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